

20031020.qrp v03_n079.qrl.20031020

Date: Mon, 20 Oct 2003 19:03:12 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3079

QRP-L Digest 3079

Topics covered in this issue include:

- 1) [159668] Re: camCorder battery adapter as seen in HOMEBREWER#1
by James Bennett <jwbennett@sprintmail.com>
- 2) [159669] MQFD: October 25th & 26th
by Rick McKee <kc8aon@juno.com>
- 3) [159670] Re: QSK (was QST review IC-703 Plus...)
by "James Parsons" <res075cz@gte.net>
- 4) [159671] Heard it ALL on ten meters today...I must've detoured through a
parallel universe or somethin'...
by <bill@n4qa.com>
- 5) [159672] FS: OHR WM-1Wattmeter and Alinco DJ-C5T HT
by Radioham <radioham@comcast.net>
- 6) [159673] Re: November, 2003, QST review of Icom IC-703 Plus...
by "john_k7fd" <john_k7fd@cablespeed.com>
- 7) [159674] e-alert 10.20 00:10 UTC - Solar flux is back on the rise !
by Rick McKee <kc8aon@juno.com>
- 8) [159675] Back from Pacificon
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 9) [159676] Re: Radios, tuners, feedlines, antenna
by Tom Popovic <ki3r@yahoo.com>
- 10) [159677] Off Topic Trade QRP gear for Tandberg Reciever
by "dave dabay" <kd3pc@mindspring.com>
- 11) [159678] ARCI test
by "Walt Amos" <waltk8cvamosqrp@gbronline.com>
- 12) [159679] ARCI Test...
by "sslyon" <sslyon@megalink.net>
- 13) [159680] TNX QRP ARCI
by Bob KB2FEL <kb2fel@yahoo.com>
- 14) [159681] RE: ARCI test
by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
- 15) [159682] QRPacificon Report
by "Doug Hendricks" <ki6ds@dpol.net>
- 16) [159683] Re: Looking for thought on spending \$
by "James R. Duffey" <JamesDuffey@comcast.net>
- 17) [159684] Re: QSK (was QST review IC-703 Plus...)
by Bruce Muscolino <w6toy@erols.com>
- 18) [159685] Re: Looking for thought on spending \$
by Bruce Muscolino <w6toy@erols.com>

- 19) [159686] ARCI QSO Party
by "Ron Polityka" <wb3aal@verizon.net>
- 20) [159687] Re: ARCI Test...
by John Sielke <jsielke@pobox.com>
- 21) [159688] Re: Power Supply
by Tom Severt <n2uhc@yahoo.com>
- 22) [159689] Re: MQFD: October 25th
by John Sielke <jsielke@pobox.com>
- 23) [159690] Re: Radios, tuners, feedlines, antenna
by Karl Larsen <k5di@zianet.com>
- 24) [159691] Fwd: AstroAlert: Significant New Solar Activity
by Patrick Gardella <pgardella@yahoo.com>
- 25) [159692] Re: homebrew paddles
by Tom Severt <n2uhc@yahoo.com>
- 26) [159693] Re: ARCI QSO Party
by "Mike Boatright" <ko4wx@mindspring.com>
- 27) [159694] RE: Looking for thought on spending \$
by "Sverre Holm" <la3za@qsl.net>
- 28) [159695] Re: Looking for thought on spending \$
by Lloyd Lachow <llachow@yahoo.com>
- 29) [159696] Re: Fwd: AstroAlert: Significant New Solar Activity
by "Mike Boatright" <ko4wx@mindspring.com>
- 30) [159697] Antenna Analyzer II
by "David J. Adams" <david@theadamsclan.com>
- 31) [159698] Re: OT installing antenna on Ford Explorer
by Michael Pupeza <mpupeza@sympatico.ca>
- 32) [159699] Re: Fwd: AstroAlert: Significant New Solar Activity
by Bill Walker <wv7g@arrl.net>
- 33) [159700] RE: It looks like BPL is being offered in Manassas, VA
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 34) [159701] RE: It looks like BPL is being offered in Manassas, VA
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 35) [159702] Re: Antenna Analyzer II
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 36) [159703] Stolen from the Hammarlund Mailing List
by w9ya <w9ya@arrl.net>
- 37) [159704] Re: It looks like BPL is being offered in Manassas, VA
by w9ya <w9ya@arrl.net>
- 38) [159705] Re: BLT questions
by Marten T Beels <martentb@goshen.edu>
- 39) [159706] Re:Radios,tuners,feedlines,antenna
by "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
- 40) [159707] Thanks for your responses re:OT installing antenna on Ford Explorer
by "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
- 41) [159708] fs: BLT original unbuilt
by pmurphy <w6wy@citlink.net>
- 42) [159709] Good cheap irons for Manhattan
by kizerian@xmission.com

- 43) [159710] Hammarlund HQ-180A Paint Restoration
by "Andrews, A. R." <Robert.A.Andrews@unisys.com>
- 44) [159711] Pacificon
by Steven Weber <kd1jv@moose.ncia.net>
- 45) [159712] Contest: ARCI Fall QSO Party Results - K7RE
by Brian Kassel <k7re@arrl.net>
- 46) [159713] mobile wiring help needed
by "John" <johndorson@worldshare.net>
- 47) [159714] RE: mobile wiring help needed
by Mark Schoonover <schoon@amgt.com>
- 48) [159715] Re: mobile wiring help needed
by geoff allsup <gallsup@whoi.edu>
- 49) [159716] audio taper pots?
by "David Hinerman" <WD8CIV@worldnet.att.net>
- 50) [159717] RE: It looks like BPL is being offered in Manassas, VA
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 51) [159718] RE: mobile wiring help needed
by "JBCrafts" <jbcraft@adelphia.net>
- 52) [159719] OT: running out of time SEMI
by "Charles Mabbott" <aa8vs@msn.com>
- 53) [159720] Re: audio taper pots?
by "w8diz" <w8diz@cinci.rr.com>
- 54) [159721] Re: audio taper pots?
by "Mike Yetsko" <myetsko@insydesw.com>
- 55) [159722] Re: mobile wiring help needed
by "Mike Yetsko" <myetsko@insydesw.com>
- 56) [159723] Re: running out of time SEMI
by "Tony Martin W4FOA" <w4foa@comcast.net>
- 57) [159724] Re: It looks like BPL is being offered in Manassas, VA
by w9ya <w9ya@arrl.net>
- 58) [159725] RE: audio taper pots?
by "David Hinerman" <WD8CIV@worldnet.att.net>
- 59) [159726] Re: audio taper pots?
by "Mike Yetsko" <myetsko@insydesw.com>
- 60) [159727] Re: audio taper pots?
by Garey Barrell <k4oah@mindspring.com>
- 61) [159728] [OT] Machinist's Question
by Chuck Adams <k7qo@commspeed.net>
- 62) [159729] Re: audio taper pots?
by "Tony Fishpool" <g4wif_tony@btconnect.com>
- 63) [159730] Great GDO available...
by Ed Tanton <n4xy@earthlink.net>
- 64) [159731] Subject: Re: audio taper pots?
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- 65) [159732] Atomic Clocks AGAIN LOL
by "w8diz" <w8diz@cinci.rr.com>
- 66) [159733] Re: audio taper pots?
by James R Giammanco <n5ib@juno.com>

67) [159734] LCD spec sheet
by "steve" <swells244@bellsouth.net>
68) [159735] Re: [fpqrp] Atomic Clocks AGAIN LOL
by "Ron Pyle" <raple@gwtc.net>
69) [159736] Re: Antenna Analyzer II
by <k6whp@verizon.net>

Date: Sun, 19 Oct 2003 15:57:47 -0700
From: James Bennett <jwbennett@sprintmail.com>
To: unlisted-recipients;; (no To-header on input)
Cc: qrp-1@lehigh.edu
Subject: [159668] Re: camCorder battery adapter as seen in HOMEBREWER/#1
Message-ID: <3F9316EB.CDB452F5@sprintmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard,
I believe you are referring to the adapter
shown in my Homebrewer column.

That cable is sold under the name Philmore.
It is their part number 48-470 "Auto Power Extension"

I got the one in the article at a local Fry's Electronics store
here in Sunnyvale, CA.

Here is a place to order it on the web:
[http://www.minute-man.com/acatalog/
Online_Catalog_Cigarette_Ligher_Plugs_and_Sockets_272.html](http://www.minute-man.com/acatalog/Online_Catalog_Cigarette_Ligher_Plugs_and_Sockets_272.html)

There is also information on the Philmore website:
http://www.philmore-datak.com/Auto2_power.htm

Drop me a note if I can answer any questions.

73
James Bennett
KA5DVS/6

"lourette@frontiernet.net" wrote:

>

> Does anyone know where to get the battery adapter for the large VHS
> camcorder batteries? There was one shown in the article on page 52 of

> the AMQRP mag issue #1. I have a bunch of those batteries that I would
> like to use with my QRP rigs.
>
> Thanks.
>
> Rich
>
> --
> Richard Lourette
> AB2MD @ arrl.net

Date: Sun, 19 Oct 2003 19:04:40 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [159669] MQFD: October 25th & 26th
Message-ID: <20031019.190449.9982.0.kc8aon@juno.com>

Ladies and Gents !
Just a reminder, next weekend, October 25 & 26 will be the second Monthly
QRP Field Day event. Pack up the QRP station, get out in the boonies (or
your back yard) and operate while enjoying good ole mother nature ! No
need to worry about keeping scores, but we would like to hear about how
many qso's you had, or unique operating setups or locations. Main thing
is to get out and have fun !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Norcal Cascade, Yaesu FT-7,
Homebrew 6V6 tube TX & Hallicrafters SW500 RX, PAC-12 Antenna
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

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Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 19 Oct 2003 18:43:36 -0500
From: "James Parsons" <res075cz@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159670] Re: QSK (was QST review IC-703 Plus...)
Message-ID: <014501c3969a\$d1068020\$6401a8c0@PARSONS>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is an interesting discussion. I have been on CW for over 60 years and much of that time has been using QSK. I find it hard to operate non-QSK I have been doing it for so long. I don't remember when I started. I do not contest or DX so my operating is almost all rag chewing with old friends. It is a pleasure to be galloping along and suddenly hear a dit or two, and then stop and listen. It is like a telephone QSO when we know what the other guys is going to say and butt in. I like back-and-forth conversations on CW and often operate that way. I have gotten so I don't hear the background noise. But, as you say, background QRM is another whole thing. On 40 meters, where I normally operate, there is so little activity during the day that QRM is not a problem. I am from the old school where we use the RF gain with the audio gain almost all the way up. But I don't want to get started again on that discussion....hi.

Anyway, interesting points, and I am glad we are all still friends.

73 de Jim, K5ROV

Ham for over 60 years, 80 % CW, 10 % digital, 10 % SSB
K5ROV@arrl.net. ARMS, ARRL, Ex: W1RLA, K5FBB, K4FEO,
SV0WN (Crete), SV0WN (Rhodes), DL4NC, DL4JP, KA2FC (Japan) ,
KA2JP (Japan).
John 3-16

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, October 19, 2003 6:24 PM
Subject: QSK (was QST review IC-703 Plus...)

> ----- Original Message -----

> From: "Bruce Muscolino" <w6toy@erols.com>

>

>

> > Let's see if I can kill all the stone throwers with one shot!

>

> You did pretty well, but don't take offense if there's still a little room
> for friendly disagreement.

>

> > This leads to endless repeats of your call, missed QSO's,
> > and lower contest scores.

>

> This WHAT leads to that stuff? The guy who can't hear what's going on, or
> the guy who can?? I've often been saved from a major screw-up that would

```
> involve "doubling" as they say on FM, by being able to detect that the  
other  
> guy has started transmitting while I was doing the same.  
>  
> Earlier, you said, " Like automatic antenna tuners, it seems simpler, and  
> safer, to just flip a switch! "  
>  
> I'm not sure what 'safer' means (my safety, or the safety of my rig?), but  
> I'm pretty sure about simpler. It will take a lot to convince me that  
> having to flip a switch is simpler than having to do nothing at all. Of  
> course, semi-break-in also requires no operator action, so that part is  
> really a toss-up.  
>  
> I'm not posting just to nit-pik, though. We can all agree that it's a  
> matter of personal preference. But I think QSK is kind of an acquired  
taste  
> that takes a little learning and a proper setup to be effective and  
> enjoyable. It can be murder in a crowded band or with a wide bandwidth  
> receiver, or both. The problem is that the "negative Morse" coming out of  
> the speaker as background noise and QRM can overwhelm the operator's  
> concentration on the sidetone feedback he must have to send properly.  
>  
> The solution is partly to keep the audio gain down and the sidetone gain  
up  
> (if independently adjustable) so your own sending captures your ear. It's  
> that plus learning to listen to a sound that's highly distracting  
initially.  
> But once you've crossed over, it's sure hard to go back to non-QSK. In  
that  
> case, it's now the sensation of being deaf while you're sending that's  
> highly distracting.  
>  
> 72--Nick, WA5BDU  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>> My remarks about large manufacturers were answering a point about the  
>> Japanese companies. No slur of Ten Tec was made or implied. Their Omni  
>> series has always had legendary QSK.  
>>  
>> When I said proven circuit designs I meant just that. Any company who  
>> hires junior engineers puts them through years of testing until they  
>> know the ropes and test equipment. It has nothing to do with their  
>> reluctance to pay big bucks. Consider how many times your internet
```

> > software has been rewritten!
> >
> > QSK or non QSK is entirely a personal matter. I don't need any new
> > meds. I don't care for it. I'll use it when appropriate. If you love
> > it, use it!
> >
> > 73
> >
>
>

Date: Sun, 19 Oct 2003 19:57:56 -0400
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [159671] Heard it ALL on ten meters today...I must've detoured through a
parallel universe or somethin'...
Message-ID: <001401c3969c\$d2837140\$b525ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Today's hamming activities began with an hour-long chat with John, K2EM in
Bellport, New York on 3705 CW using the TS-440S at 100 Watts(whew!) to the
end-fed wire. Man, that kind of power makes me dizzy...

Then I prepared the tailgate station, complete with in-the-Sun and out-of
the-Sun blankets and water bowl for Ellie.
Kept direct sunlight off the equipment with a couple of strategically-placed
trash cans in the bed of the p/u.

Oh, good news! The 'ground-the-key jack-internally' mod has totally cleaned
up my '703's keying on all bands, even with the antenna only 3 ft away :)
Please see the following image. It was presented by someone to the IC-703
Yahoo! group a while back for the purpose of showing '703 users how to fix
the intermittent keying problem.
http://users.servicios.retecal.es/davidcarde/703_key_mod.jpg
Directly behind the gray cable with the red band can be seen a bare wire,
soldered to the key jack at one end, and to a PWB ground pad on the other
end.

So, I finally got to work Bob, N4BP in Florida on 20 CW late this morning.
Also worked New Mexico and Missouri on 20.
A few minutes earlier, I worked K7UP in New Mexico on 15.

But, ten meters...whoa!

Only worked New Mexico and Montana on ten CW.

But, worked Colorado(twice), Wyoming, Brazil(twice) and Honduras on ten RTTY...heard(saw) 9J2KC in Zambia but couldn't work him.

Worked New Mexico on ten PSK31...hmmm...seems New Mexico was well-represented today...

Finally, worked George, N6GDS near Salt Lake City, Utah on ten USB.

Also heard much AM activity near 29.000 MHz and QSOs on several FM repeaters on 29.620 and 29.640 but wasn't able to raise anybody myself.

All the above on the Icom IC-703 running 5 Watts to that Hustler mobile whip.

Ellie and I should sleep well tonight...we're plumb tuckered out. Martha too...all that shopping she and her sister did :)

I even got a little sunburn yesterday and today.

A lovely weekend, this.

Back to the real(?) universe tomorrow...

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Sun, 19 Oct 2003 20:21:01 -0400

From: Radioham <radioham@comcast.net>

To: NoVaQRP@topica.com, NJQRP <njqrp@njqrp.org>, QRP-L <qrp-l@lehigh.edu>

Subject: [159672] FS: OHR WM-1Wattmeter and Alinco DJ-C5T HT

Message-ID: <5.1.0.14.0.20031019201407.00b82e68@mail.comcast.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"; format=flowed

Content-Transfer-Encoding: quoted-printable

Oak Hills Research OHR WM-1 Wattmeter - full details at=20

<http://www.qsl.net/k17aqc/frwm1.html>.

Original builder and owner, excellent condition, physically and= electrically.

\$65 shipped via USPO Priority Mail with tracking.

Alinco DJ-C5T 2M/440 CREDIT CARD HT, 300mw output with internal speaker,=20 lithium ion battery, tiny rubber antenna, battery charger, manual and=20 original box. MARS/CAP modified and covers the following frequencies: RX=20

118-134.995 AM RX/TX 136 - 173.995 RX/TX 380 =96 472.995. Pretty much the=20
smallest and most portable HT available - will really fit in a shirt pocket=
=20

without bulging.

Full description at <http://www.universal-radio.com/catalog/ht/0058.html>.

\$115 shipped USPS Priority Mail with tracking.

Local pick-up take \$5 off listed prices.

72/73,

Steve, N4EUK

Reston, VA

Date: Sun, 19 Oct 2003 17:21:44 -0700

From: "john_k7fd" <john_k7fd@cablespeed.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [159673] Re: November, 2003, QST review of Icom IC-703 Plus...

Message-ID: <000c01c396a0\$24359150\$3801a8c0@codeking>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Yep, I have both the '756 Pro II and '775DSP -- & the K2 makes mincemeat out
of both of them. Heck, on 40m, the NC-40a even rattles their cages...

73 John K7FD

> > Top of the line Kenwood and Yaesu and Icom have great receivers and CW
> > capability but they cost 2-3 thousand dollars. That is more than I am
> > ready to pay.

>

> Thank goodness for Elecraft!

>

> (Undisguised, wanton PLUG!)

>

> John W2AGN

>
>

Date: Sun, 19 Oct 2003 20:41:47 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [159674] e-alert 10.20 00:10 UTC - Solar flux is back on the rise !
Message-ID: <20031019.204330.3654.2.kc8aon@juno.com>

SFI:120 A:30 frm 29 K:4 (50 nT) 0000 20 Oct
Frcst: SWX next 24h:minor: R1
Obs: SWX last 24h:strong: G1 R3

Flare: 6h hi:C9(1925Z Oct19) 24h hi:X1(1650Z Oct19)

SSN: 91 (18 Oct 2003)
Au: 9
S Wind: 579 km/s @ 3.9 protons/cm3

Global HF Propagation Conditions
for 2300Z on 19 Oct, 2003
Low Latitude: Normal
Mid Latitude: Normal
Hi Latitude: Fair

Warning (338): Geomagnetic K-index of 5 expected
From: 2003 Oct 19 1016 UTC To: 2003 Oct 19 1500 UTC
Condition: Persistence

Warning (761): Geomagnetic K-index of 4 expected
From: 2003 Oct 13 1455 UTC To: 2003 Oct 19 1500 UTC
Condition: Persistence. Extends Warning #760.

Warning (762): Geomagnetic K-index of 4 expected
From: 2003 Oct 13 1455 UTC To: 2003 Oct 19 2359 UTC
Condition: Persistence. Extends Warning #761.

Support: <http://hfradio.org/notice.html>
More Info / Unsubscribe: <http://prop.hfradio.org/ealert/>

----- End forwarded message -----

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Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 19 Oct 2003 18:05:42 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"Elecraft Mailing List" <elecraft@mailman.qth.net>
Subject: [159675] Back from Pacificon
Message-ID: <008f01c396a6\$4a2e6d40\$7ae5b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Just wanted to say a big THANK YOU to everyone that was involved in putting on Pacificon this year! I had a real blast and my internal QRP batteries are fully charged to get busy on some new projects (that is as soon as I'm moved into the new QTH near Santa Monica next month).

Was really nice having face to face QSO's with all of the QRPers that attended the show and exchange ideas for operating and equipment building. For those that didn't make it this year, I hope to see you there next year!

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Sun, 19 Oct 2003 18:11:33 -0700 (PDT)
From: Tom Popovic <ki3r@yahoo.com>
To: k5di@zianet.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [159676] Re: Radios, tuners, feedlines, antenna
Message-ID: <20031020011133.94542.qmail@web11206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

>
> So lets get ready for the questions. I have not yet
> seen the
> question "How well does the non-resonat 88 foot
> dipole perform?"
>
> --
>
> - Karl Larsen k5di Las Cruces, NM Az
> ScQRPions -
>

OK Karl ...how does it perform ?? as I am interested
in putting up one. My old QTH had inverted Vees for
80, 40, and the WARC bands.
They worked quite well for 28 years with the apex at
50 feet. Now I am using a Carolina Windom. Does it
work ?? yep but like Hennie Youngman said ..."How's
the wife ?...compared to what. My windom is at about
30 feet ...I do "get out" but not as good as my old
vees. But I am happy as I am able to get on. I am
thinking of putting up an 88 footer which would be at
about 40 feet sloping to 25 feet or so in line
slightly more to the east than the present windom
which is ENE.

Thanks Karl ... 73 God Bless KI3R Tom Popovic
Belle Vernon PA

=====

The common good was the claim and justification of every
tyranny ever established over men. Every major horror of
history was committed in the name of altruistic motive...
Actors change, but the course of the tragedy remains the
same. Ayn Rand 1943

Do you Yahoo!?
The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Sun, 19 Oct 2003 22:33:05 -0400
From: "dave dabay" <kd3pc@mindspring.com>
To: "QRP-L List" <qrp-l@lehigh.edu>

Subject: [159677] Off Topic Trade QRP gear for Tandberg Reciever
Message-ID: <000901c396b2\$7e7b70f0\$e214fea9@DellPOS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the Off topic, but I have searched everywhere, maybe you can help?

Looking for Tandberg receiver to replace my recently smoked TR-1020. Want good solid audio TR series, 20XX or 3XXX. Not looking to break the bank, no eBay junk either.

Have some gear for possible trade.

dave
Dave Dabay KD3PC QRP-L #365
kd3pc@mindspring.com

Date: Sun, 19 Oct 2003 11:01:33 -0400
From: "Walt Amos" <waltk8cvamosqrp@gbronline.com>
To: "qrp-L Messages" <qrp-l@lehigh.edu>
Subject: [159678] ARCI test
Message-ID: <000201c396b4\$618a7750\$68ecbfcf@WALTK8CV>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Up to over 100 contacts by Sunday morning here in Michigan

Walt K8CV Royal Oak, MI

Date: Sun, 19 Oct 2003 22:51:48 -0400
From: "sslyon" <sslyon@megalink.net>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [159679] ARCI Test...
Message-ID: <000701c396b5\$1b842d40\$34c7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

"Test" -in more ways than one. Operated outside in tent under my antennas in 'iffy' wx just above freezing in evenings with occasional spritzes. Lots of breaks to warm up, chow, chat with visitors 8) Solar dynamics really apparent on sigs/activity. Struggled for: (preliminary) 80m=19, 40m=61, 20m=79, 15m=21, 10m=2, QSO's. Q's = 180; Mult = 92; points = 509404; Sure hope I can get the remote switching thingy working before the snow comes!

Thanks again, Randy & ARCI

72

seab

aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Sun, 19 Oct 2003 20:00:34 -0700 (PDT)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio <qrp-l@lehigh.edu>
Subject: [159680] TNX QRP ARCI
Message-ID: <20031020030034.47363.qmail@web80603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All,

I just wanted to say TNX to QRP ARCI and all of those who pulled me out of the mud. I was able to work all I could hear.

Had a great time working the test and looking forward to the next one.

The set up here was.
20 meters: HW-20+ @ 2W into dipole
All other bands Ten Tec Argo V @ 2w

TNX Dave for a great little kit!!
(19 states in no time)

72
Bob
KB2FEL/8

Do you Yahoo!?
The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Sun, 19 Oct 2003 23:13:57 -0400
From: "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [159681] RE: ARCI test
Message-ID: <002d01c396b8\$36e741a0\$3039d3d8@flesnick>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I got to play only last couple of hours, but played on 15 meters and
made 7 contacts. 15 was sounding great.
Fred
VE3FAL

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
Of Walt Amos
Sent: October 19, 2003 10:02 AM
To: Low Power Amateur Radio Discussion
Subject: ARCI test

Up to over 100 contacts by Sunday morning here in Michigan

Walt K8CV Royal Oak, MI

Date: Sun, 19 Oct 2003 20:59:22 -0700
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [159682] QRPacificon Report

Message-ID: <010201c396be\$8b4c6c60\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow!! I got home from Pacificon today at 3:30. Walked into the house, read a note from JoAnne that she went to Fresno shopping with a friend, so I went straight to the bedroom and took a 2 hour nap, grin.

Pacificon was great this year. Fabulous presentations by Randy Foltz, Joe Everhart, George Heron, James Bennett, and Wayne McFee. Every one of these guys was top notch!! Guys, if you are in charge of a QRP Forum and you need speakers, these are all top of the line quality speakers. All of them did marvelous presentations, with wonderful graphics, and all of them wrote excellent articles for the compendium. The compendium is just outstanding, I could not believe how well it turned out.

Friday night's activities were a blast. We spent the evening at the California Burger Restaurant. The owner let us hang around from 6:30 until 10:00 PM, and we had fun. You should have heard the audio qso contest. It sounded like sweepstakes. I was walking around with my keyer, and as soon as I would see a qso in progress, I would walk up and start calling cq, which of course qrm'd the guys. They would grin, ask for fills and complete the contact, then neither would work me, served me right!! I made about 10 or 12 qso's then gave my setup to George Heron so that he could participate too! Dave Fifield won first prize, Wayne McFee was second, and Dave ??? from Albuquerque was third.

I was amazed at the number of out of state attendees that we had. Saturday night at the open house, I asked how many had come from out of state and was shocked to see more than half of the crowd raise their hand!! We had attendees from New Hampshire, Maryland, New Jersey, Virginnia, New Mexico, Florida, Idaho, Nevada, England, Canada, Kansas, Colorado, Arizona, Oregon, Washington and Southern California, and those are just the ones that I know of.

The Kits for Kids Raffle went very well, we raised \$445 for the fund, and Mike Claussen won the HW9 Station, and Mike McCardy from LA won the complete Vern Wright 6 band beam, push up pole, and drive on mount that Vern donated to the cause!! We had a building contest, and Jim Duffey was in charge of the judging. I can't remember all the winners, but Jerry Terres from New Hampshire won a prize for his NorCal Keyer in an Altoids tin!! Not the big one but the tiny one!! Pics are on the AMQRP web site. Wayne McFee won 1st prize in the Non Keyer division with his 40 Meter rig that he built ugly style for his talk. Yes, Wayne gave a talk on how to design a rig using previously published circuits, then he built the rig!!! Trevor Jacobs had a winning entry also, and he won the 17 amp hour battery donated by Sam Imai.

James Bennett of Pacific Antennas donated the winning prize of a Pac 12 antenna to Wayne McFee. Thanks to the guys, Vern and James for their generosity, and a special thanks to George Jones for his donation of the HW9 station.

There were several QRP Vendors in the Exhibit area. Elecraft had their usual busy booth, with the KX1 introduction, plus their new line of Mini kits, and a new Wattmeter that they will be selling. Doug Hauff of San Luis Machine was there with his line of Keys, Paddles, bases, Rockmite cases, and a new product, a very, very neat leg strap for his paddles. Lee Halliday was there selling a 1/2 size miniature reproduction of the J-38 keys. They were beautiful, fully functional works of art. James Bennett, NorCal and 4SQRP groups shared a booth, with James selling completely out of his antennas. Guys were lined up to buy the Pac-12 kits, and he sold out by noon Saturday!! It was a very popular item. NorCal had NorCal Keyers, BLT's, Crystals, and Miniboost Amps. The 4SQRP club had their Tenna Dipper kits, and they sold like hot cakes. When guys saw the demonstration done by Gene Sailsbury, they bought kits. Gene sold all of the kits that he brought, and could have sold another 15 or 20 kits. It was his first time at a show, and he just did not bring enough kits. You should go to the 4States QRP section on the AmQRP page to check out the Tenna Dipper. Go to www.Amqrp.org and click on the kits section, then go to the 4SQRP section, as our affiliated clubs have space on our sites as one of the benefits of affiliation with AmQRP.

Saturday night, we had fun with another auction. Mike Claussen wanted to sell his Red Hot 20, so I auctioned it off and it sold for \$130. It was in mint condition, and the bidding was hot and heavy. But when it got to \$130, it died. That's what happens when the crowd is there and knows the value, a fair price is reached. I was the winning bidder, and gave it to Jim Cates for his collection.

Jim Duffey did a marvelous job as banquet chairman again. Our Friday night event was a blast, and Jim is the best. He agreed to serve again next year. What a guy!!

But the highlight of the weekend was being able to present Steve Weber, KD1JV with the "QRPer of the Year Award". Steve was our special guest for the weekend. (We used the excuse that we wanted him to be a "QRP Celebrity" and mingle with the crowd for the weekend to get him out here for his award. We really did want him to do that and he was wonderful and was a very popular man. He was always talking with qrpers. And I can't tell you how many people commented on what a nice guy Steve is, and how friendly he was. I wanted to figure a way to get Steve out here to accept the award, but didn't want to spoil the surprise. I first thought that the best way was to kill two birds with one stone, have him as a speaker. But Steve doesn't like to speak to large groups, and said he would rather not talk, so I decided to have him come and just be "Steve Weber". Steve said he would be

happy to come when I offered a hotel room and a plane ticket. The plan worked to perfection.)

Jim and I decided that we were going to offer the award last year, and we also decided that we would pay all expenses for the person selected. Steve was chosen because of his overall contribution to the QRP hobby, plus his support of Lobstercon, NorCal (he designed the Nor'Easter for us, and has another kit just about ready to go for us.), and his wonderful support of the 4SQR group. When the Jay Bromley decided not to do Arkiecon, he contacted the 4SQR group and asked them if they would like to host a Spring QRP Forum in the midwest. They readily agreed, and came to me for help. Two days later, Steve Weber posted the details of the Tenna Dipper to the list. I contacted Steve and asked if he would be willing to let the 4SQR group kit the Tenna Dipper when he was done with it. He not only agreed to let them have the kit, but he gave them a \$500 cash donation to get started buying the parts and boards!!!!!! Steve Weber is one of my QRP Heroes, and I am very proud to have presented him with the 2003 NorCal QRP Club QRPer of the year award. I will also be nominating him for the QRP Hall of Fame, and if he isn't selected, we need to have a Congressional Investigation!!

The last act of Pacificon was a meeting this morning between the Mt. Diablo Amateur Radio Club representatives and myself representing AmQRP and NorCal. We had some serious facility problems this year, but we worked out an agreement that will solve that for next year and future years. We now have an agreement in writing that spells out what Mt. Diablo's responsibilities are, and what NorCal's are. The bottom line is that QRPacificon will be held next year in conjunction with Pacificon. I am pleased to be able to announce that. Can't wait til the next QRP Forum, let's see that is Atlanticon, another AmQRP event, then Ozarkcon, another AmQRP event. 6 months away. I think I can stand it. Thanks again to all the wonderful people who helped. Jim and I really, really, do appreciate all of your support. 72, Doug

Date: Sun, 19 Oct 2003 22:31:36 -0600
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: <raple@gwtc.net>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [159683] Re: Looking for thought on spending \$
Message-ID: <BBB8C148.EB45%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Ron - I don't know what kind of antenna you have, but putting money into a good high antenna and low loss feed line will probably help you more than

anything.

So, put your antenna up higher. Invest in a taller mast to put that dipole higher. Raise your ground mounted vertical to the roof. If you are using a ground mounted vertical, put down more radials. If you are using a dipole or vertical, consider putting up a small beam.

If you are using a resonant antenna, you might think about investing in an antenna that uses tuned feeders and a good tuner.

If you are using small diameter coax, RG-58 or RG-8X, consider replacing it with some good large diameter coax like RG-213.

You might want to invest in a good automatic antenna tuner, if you didn't get the built in one with the K-2.

If you don't have baluns on coax feed antennas, you might want to install them.

An antenna analyzer, like the MFJ or Autek will be a good investment, as will the antenna modeling software EZNEC.

Books are always nice. If you don't have an ARRL antenna book, buy one. Moxon's book is always good, as is Kraus if you know a bit of calculus. Wes Hayward's new book, Experimental Methods in RF design, is a good investment, even though it costs \$40.

Buy an SW kit from SWL, Dave Benson, download the Elmer 101 material from the net and learn a lot. A whole lot.

Test gear is always a good investment. A good Fluke multimeter is a joy to use and will last a life time. If you have more money, a scope is always a good toy, or tool.

You might like to try portable operations. Invest in a good portable mast like the DS9KQ telescoping fiberglass mast or a long 24 ft telescoping paint pole. Invest in a large enough Gel Cell to operate 24 hours and a solar panel to recharge it. A folding chair and table are also good investments.

If you like contests, you might want to buy a good contest logging program, or a good contest keyer like the LogiKeyer.

Treat yourself to a nice set of paddles.

Join the AMQRP club if you are not a member. Join ARRL if you are not a member.

If you don't have it, high speed internet access is very nice. Very, very

nice.

If you buy a VHF or UHF rig, buy one with multimode (CW, SSB, FM) capability. You will soon tire of 2M FM.

A clock that sets itself to WWV is good to have in the shack.

A good external communications speaker, like a Motorola, will make your K-2, or any rig, sound oh so good.

Buy a good set of Headphones, like a set of Koss Pro models.

Treat yourself to a nice original QSL design.

Taking your wife or significant other out to a very nice dinner is always a good investment. If you have kids, small children like toys, and teenagers like money or a tank of gas. CDs that you can't stand are good for all. :^)

If I wasn't sending a horse to college I would buy a GPS receiver. Maybe two; one for each car.

It is easy to spend money. Lots of us on the list can do it for you. :^)-
Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Mon, 20 Oct 2003 04:20:35 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: nkennedy@tcainternet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [159684] Re: QSK (was QST review IC-703 Plus...)
Message-ID: <3F939AD3.6458D38C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nick !

>

> I'm not sure what 'safer' means (my safety, or the safety of my rig?), but

>

You should have been an editor. It was a typo. It should have read easier. Non QSK rigs are easier to build and make work than QSK rigs.

>
> I'm not posting just to nit-pik, though. We can all agree that it's a
> matter of personal preference.

>
And that's the single point I was trying to make. It's a matter of
personal preference. You like it, use it. I don't like it, so don't
try to make me seem like a dodo for not wanting it.

73

Date: Mon, 20 Oct 2003 04:55:50 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: raple@gwtdc.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [159685] Re: Looking for thought on spending \$
Message-ID: <3F93A316.93A849F3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ron,

>
> Maybe I should just save my money. Keep working on my CW with my free time.
> And get on the air when my K2 is finished. ??????????

>
I think you've answered your own question. You're too busy!

I congratulate you on buying the K2. It is a good rig. As to the 100
watt amp and the 150 watt antenna tuner, I would buy them. There will
always be a time when you need the power to complete a QSO. Note that I
am not your typical QRP'er. I believe in having power available when it
is needed.

About 2 meters. You don't sound committed enough to having 2 meters.
One transmission each week? Surely there is more 2 meter activity
where you live. 2 meters is nice for making local friends. Some may be
interested in QRP and some not.

If you do decide to get 2 meter capability, I would recommend something
that has multi mode capability that can easily travel. There are a
number of 2 meter contests that are fun. And don't forget it when you
are travelling with your HF radio. It can come in handy if you need
assistance.

You will find 40, 30, and 20, to be very active most of the time; 80 and

160 too. I think you will spend most of your operating time there. Try them with the K2 first before you buy a second radio.

Now, what you should look at spending your money (and time))) for. There was an old saying when I first started in radio 50 years ago that still applies today. If you have a dollar to spend on radio, spend 92 cents on your antenna and 8 cents on your rig. The very best equipment in the world is useless without a good antenna.

Good does not imply lots of aluminum, the antenna can be a simple end fed wire of random length. But whatever you choose, you should take the time to optimize the installation. Make sure you provide a good RF ground. Make sure your feed line is low loss. Make sure all connections are solid and good. Make sure it will tune up on all bands you want. This way you won't waste time fixing when you should be making QSO's/

73

Date: Mon, 20 Oct 2003 06:06:18 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159686] ARCI QSO Party
Message-ID: <001701c396f1\$ce7c1930\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Well in between doing a roof this weekend I did manage to operate the contest. Only got to work 5 hours in the contest but I did manage 45 Q's.

QSO Pts	x	Mult	x	Pwr	=
245	x	36	x	15	= 132,300

Yep, I was running 25 mW and it worked great, even with bad band conditions.

Thanks to all those Great operators that pulled me out of the mud.

72 and Thanks,
Ron Polityka
WB3AAL

www.n3epa.org/

Date: Mon, 20 Oct 2003 08:36:14 -0400
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [159687] Re: ARCI Test...
Message-ID: <3F93D6BE.30003@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Test" -in more ways than one. Operated outside in tent under my
> antennas in 'iffy' wx just above freezing in evenings with
> occasional spritzes. Lots of breaks to warm up, chow, chat with
> visitors 8) Solar dynamics really apparent on sigs/activity.

You sure had a booming signal down here in SNJ! The antennas are working.

I finally hit 200 qso's at 7PM Sunday. Made one more and quit. Still
hearing CW in my head.

John W2AGN

Date: Mon, 20 Oct 2003 05:36:58 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159688] Re: Power Supply
Message-ID: <20031020123658.3054.qmail@web9608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Francis Callahan <colcal@srv.net> wrote:
> I came across a 5.25 amp power supply in a yard sale
> yesterday made by
> coleman and even has the power connector on one end
> and is ready for a qrp
> rig seems to work really well it is from a 12 cooler
> so keep a look out when
> at the yards sales Paid \$1.00 for it 72 Cal KF7ET
> misplaced Vermonter in

> Idaho
>

I did even better than that... A couple months ago I found a newer computer power supply at a flea market for 50 cents. After a quick conversion I now have a nice-looking 4A power supply.

=====

Tom Sevart N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Mon, 20 Oct 2003 08:42:57 -0400
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [159689] Re: MQFD: October 25th
Message-ID: <3F93D851.60700@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Just a reminder, next weekend, October 25 & 26 will be the second Monthly
> QRP Field Day event.

As this may well be the last weather-friendly "last weekend," going to try a "nostalgia" operation from Parvin State park, using my old OHR Classic on Saturday the 25th.

John W2AGN

Date: Mon, 20 Oct 2003 06:57:58 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: Tom Popovic <ki3r@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [159690] Re: Radios, tuners, feedlines, antenna
Message-ID: <Pine.LNX.4.44.0310200645040.4682-100000@bucket.dog>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 19 Oct 2003, Tom Popovic wrote:

>
> >
> > So lets get ready for the questions. I have not yet
> > seen the
> > question "How well does the non-resonat 88 foot
> > dipole perform?"
> >
> > --
> >
> > - Karl Larsen k5di Las Cruces, NM Az
> > ScQRPions -
> >
>
>
> OK Karl ...how does it perform ?? as I am interested

It works like a resonant dipole on 80 and 40 and then begins to be end-fed on 20 meters and frequencies above that. It has been simulated and has a nice pattern on all bands.

You will need to feed it with 450 ohm ribbon and then a balun where the 450 ohm feedline ends, and then 50 ohm coax to the tuner and then to the radio.

Your inverted Vees would work without a tuner which is nice if your running high power, but for QRP a tuner is cheep.

72, karl

> in putting up one. My old QTH had inverted Vees for
> 80, 40, and the WARC bands.
> They worked quite well for 28 years with the apex at
> 50 feet. Now I am using a Carolina Windom. Does it
> work ?? yep but like Hennie Youngman said ..."How's
> the wife ?...compared to what. My windom is at about
> 30 feet ...I do "get out" but not as good as my old
> vees. But I am happy as I am able to get on. I am
> thinking of putting up an 88 footer which would be at
> about 40 feet sloping to 25 feet or so in line
> slightly more to the east than the present windom
> which is ENE.

>
> Thanks Karl ... 73 God Bless KI3R Tom Popovic
> Belle Vernon PA
>
>
>
> =====
> The common good was the claim and justification of every
> tyranny ever established over men. Every major horror of
> history was committed in the name of altruistic motive...
> Actors change, but the course of the tragedy remains the
> same. Ayn Rand 1943
>
> -----
> Do you Yahoo!?
> The New Yahoo! Shopping - with improved product search
> <http://shopping.yahoo.com>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Mon, 20 Oct 2003 05:54:57 -0700 (PDT)
From: Patrick Gardella <pgardella@yahoo.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [159691] Fwd: AstroAlert: Significant New Solar Activity
Message-ID: <20031020125457.99631.qmail@web40908.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

One word: Yuk.

73,
Patrick N3E0

--- Cary Oler <oler@solar.spacew.com> wrote:
> From: Cary Oler <oler@solar.spacew.com>
> Subject: AstroAlert: Significant New Solar Activity
> To: sun-earth@SkyandTelescope.com
> Date: Mon, 20 Oct 2003 04:55:01 -0600 (MDT)
>
> =====
> This Is SKY & TELESCOPE's AstroAlert for Sun-Earth Interactions
> =====
>

> Astro Alert
> Sun-Earth Alert
>

> Solar Terrestrial Dispatch
> <http://www.spacew.com>
>

> Images and Information on this event are available at:
> <http://www.spacew.com/astroalert.html>
>

> 20 October 2003
>

> SIGNIFICANT NEW SOLAR ACTIVITY IS IN-PROGRESS
>

> A new and powerful sunspot complex has materialized over the last 2 days
> capable of producing significant solar flare activity. The sunspot complex,
> known as active Region 10484 (or simply Region 484), increased its size by
> more than 5 times over the last 48 hours. It should now be easily visible to
> the unaided (protected!) eye.
>

> Region 484 produced a major class X1.1 solar x-ray flare at 16:51 UTC
> (12:51 pm EDT) on 19 October followed by several smaller but notable events.
> Growth has persisted despite this activity and additional major solar flares
> are expected.
>

> There is a notable possibility that some lucky observers may spot a
> rare white-light flare from this spot complex. The area to concentrate on
> (observationally) is the penumbral region between the two largest sunspots.
> These two sunspots form a magnetic delta configuration where opposite
> magnetic polarity sunspot umbrae are contained within a single penumbra. This
> is also the site where most of the energetic solar flare activity has been
> observed to-date. See www.spacew.com/astroalert.html for details.
>

> Thus far, the coronal mass ejections associated with the energetic
> flaring from Region 484 have not been directed Earthward, although there is a
> chance the Earth may see a weaker glancing blow within the next 24 to 48
> hours. This is expected to change over the next several days.
>

> Over the next 4 days, Region 484 will rotate toward the central region
> of the Sun (as viewed from the Earth). It will therefore be more radially
> aligned and capable of producing more significant Earthbound coronal mass
> ejection impacts. These impacts could include proton bombardments capable of
> affecting high-latitude radio signal communications and enhancing space
> radiation conditions for satellites and astronauts, increased atmospheric
> drag on spacecraft, increased incidents of electronic anomalies on
> spacecraft, permanent degradation of spacecraft solar array electrical
> generation efficiencies, and unusual displays of auroral activity ("Northern
> Lights"), to name just a few. The types and intensities of effects observed
> will depend upon the strength of future solar activity. And that is something

> that is difficult to predict.
>
> A special listserver has been set up for individuals interested in
> learning about or discussing matters dealing with solar activity and
> Earthbound impacts. To subscribe, visit: www.spacew.com/aurora/email.html
> Simple instructions are included therein. Information concerning current
> activity, future activity and a wealth of information submitted by experts in
> night photography and solar observers are available through this list.
>
>
> ** End of the AstroAlert Bulletin **
> =====
> AstroAlert is a free service of SKY & TELESCOPE, the Essential
> Magazine of Astronomy (<http://SkyandTelescope.com/>). This e-mail
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> in error, or to unsubscribe from AstroAlert, please send a plain-
> text e-mail to majordomo@SkyandTelescope.com with the following
> line -- and nothing else -- in the body of the message:
> unsubscribe sun-earth e-mail@address.com
> replacing "e-mail@address.com" with your actual e-mail address.
> =====

Do you Yahoo!?
The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Mon, 20 Oct 2003 05:58:24 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159692] Re: homebrew paddles
Message-ID: <20031020125824.62132.qmail@web9602.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Nathan <kf9li@arrl.net> wrote:
> Hi all,
>
> Anybody have plans for some simple homebrew paddles?
> I plan on using them
> portable with my newly built rockmite.
>
> Thanks,
> Nathan

>

Try building a set of NB6M paddles:

<http://www.geocities.com/n2uhc/paddle.html>

=====

Tom Severt N2UHC

<http://www.geocities.com/n2uhc>

Do you Yahoo!?

The New Yahoo! Shopping - with improved product search

<http://shopping.yahoo.com>

Date: Mon, 20 Oct 2003 09:17:02 -0700

From: "Mike Boatright" <ko4wx@mindspring.com>

To: "Qrp-L" <qrp-l@Lehigh.EDU>

Cc: <wb3aal@verizon.net>

Subject: [159693] Re: ARCI QSO Party

Message-ID: <NFBBIILMKMIILGKAJMBLKEGBCMAA.ko4wx@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ron,

You were only running 25mW? Wow! Great signal into Georgia!

Here I was impressed with myself for making 40 contacts in 2:20 running 900mW. Man, was I QRO or what?

8-)

72 de Mike, K04WX

Date: Mon, 20 Oct 2003 15:20:57 +0200

From: "Sverre Holm" <la3za@qsl.net>

To: <raple@gwtc.net>,

"'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>

Subject: [159694] RE: Looking for thought on spending \$
Message-ID: <000801c3970d\$001dd530\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

> -----Original Message-----

>

> How about the 2m transverter from Elecraft? Is it really that
> good of a 2m performer? I don't have much use for 2m. But know there
is a local
> transmission once a week that would be nice to listen to.

Local transmission, could it be FM? Remember the transverter will only
give you the modes of the basic HF rig, i.e. the K2, so FM won't be much
good!

--

73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Mon, 20 Oct 2003 06:23:36 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: raple@gwtc.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159695] Re: Looking for thought on spending \$
Message-ID: <20031020132336.54405.qmail@web41012.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Ron,

What a concept! Money to spend...

It depends totally on what you think would interest
you.

I'll vote for the KX1 - I don't think it's more difficult to build than other Elecraft kits, and may even have better documentation, but the result is a rig that you can use ANYWHERE! All you need is the rig w/ options and a piece of wire. 20, 30 and 40 are best in Winter! I plan on using mine in bed (instead of a book,) while playing in the park with my family, on breaks at the office, and I believe it will inspire me to get out and hike around, this beautiful Fall.

good luck deciding!

LL, K3ESE

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?

The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Mon, 20 Oct 2003 09:23:41 -0700
From: "Mike Boatright" <ko4wx@mindspring.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [159696] Re: Fwd: AstroAlert: Significant New Solar Activity
Message-ID: <NFBBIIMKCMIIILGKAJMBLAEGCCMAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Imagine what one of those X1.1 flares will do to BPL!

72 de Mike, K04WX

Date: Mon, 20 Oct 2003 09:39:38 -0400
From: "David J. Adams" <david@theadamsclan.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [159697] Antenna Analyzer II
Message-ID: <3F93E59A.6030301@theadamsclan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Realizing I may have missed it, can anyone provide the details on the AmQrp Antenna Analyzer kit which was announced at Pacificon?

73 de dave, n9uxu

Date: Mon, 20 Oct 2003 09:50:17 -0400
From: Michael Pupeza <mpupeza@sympatico.ca>
To: <qrp-1@lehigh.edu>
Subject: [159698] Re: OT installing antenna on Ford Explorer
Message-ID: <BBB96054.19146%mpupeza@sympatico.ca>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I have had good luck in installing a screwdriver antenna on my last 2 minivans, without any holes in the vehicle, and NOT obstructing the opening of my rear door.

I use the trailer hitch horizontal mounting bar.

I had my welder make up a 31" X 31" L of 1 1/2" square tubing.

In my 97 Caravan, I U-bolted it under the existing trailer hitch sticking out to the driver's side. The top of the L was about 42" above ground, and I installed the antenna there.

On my new 2003 Honda Odyssey, the trailer hitch horizontal was a hollow 2" square ID, with the drivers side open.

I had my welder modify that L bracket with a piece of 2" OD square piece that slides INSIDE the hitch.

I used a metal strip and a U-bolt to secure the mount from sliding out. No welding, nor drilling is allowed on the hitch itself, for obvious reasons!

So, those of you that have a trailer hitch mounted, and want a STURDY, SAFE mount for a big antenna, should look at making something that can be u-bolted to the mount itself, off to the drivers side, a few inches out from the vehicle body. If you mount your antenna about 42" from the ground, MOST systems will be under, or close to the 14' clearance for highway travel. In my case, I can still reach up to the top of the BB-3 Nott Antenna, and remove the whip with the quick release fitting if I'm in low trees country!

YMMV

73 and Good Luck.
Mike VE3EQP.....>

Date: Mon, 20 Oct 2003 14:05:40 +0000
From: Bill Walker <wv7g@arrl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [159699] Re: Fwd: AstroAlert: Significant New Solar Activity
Message-ID: <1066658740.1777.4.camel@pluto>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

You see? Every cloud DOES have a silver lining!

On Mon, 2003-10-20 at 16:23, Mike Boatright wrote:
> Imagine what one of those X1.1 flares will do to BPL!
>
> 72 de Mike, K04WX
--
Bill Walker - WV7G

Date: Mon, 20 Oct 2003 10:06:24 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159700] RE: It looks like BPL is being offered in Manassas, VA
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511CEE@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

BPL is legal under existing Part 15 rules, if its emissions are below 30 =
uV/m at 30 m and the manufacturer has done the necessary testing to meet =
the Part 15 verification requirements.

The industry is asking the FCC for 10 dB more.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St

Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by =
membership dues, individual contributions and the sale of publications =
and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----

> From: Bob Scott [mailto:bobw4zy@comcast.net]

> Sent: Saturday, October 18, 2003 9:10 AM

> To: Low Power Amateur Radio Discussion

> Subject: It looks like BPL is being offered in Manassas, VA

>=20

>=20

> >From the article, it appears that they are ready to start selling the
> service. I guess I do not understand why they can deploy a system not
> approved by the FCC or have I missed something?

>=20

> This link will get you the story.

>=20

> http://www.potomacnews.com/servlet/Satellite?pagename=3DWP%2F2FMGArticle%2F2FWPN_BasicArticle&c=3DMGArticle&cid=3D1031771619197&path=3D!> =
frontpage

>=20

> If that does not work, you can go to www.potomacnews.com .

>=20

> 73,

>=20

> Bob

> W4ZY

>=20

>=20

Date: Mon, 20 Oct 2003 10:07:35 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159701] RE: It looks like BPL is being offered in Manassas, VA
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511CEF@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

That sure isn't Ed Hare's decision, but I don't believe that a =
class-action lawsuit would be productive.=20

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: n3drk [mailto:n3drk@triad.rr.com]
> Sent: Saturday, October 18, 2003 11:52 AM
> To: Low Power Amateur Radio Discussion; Hare,Ed, W1RFI;=20
> drake; kenwood;
> cw@mailman.qth.net
> Subject: Fw: It looks like BPL is being offered in Manassas, VA
>=20
>=20
>=20
> Thanks for that article. I think it is time for the American=20
> Radio Relay
> League to file a Class
> Action Lawsuit on the City of Manassas, VA on behalf of the=20
> Amateur Radio
> Operators in and around Manassas, VA . And file a Class=20
> Action Lawsuit on
> the FCC. The ARRL's Ed Hare has done a remarkable job of=20
> providing all the
> ammunition the FCC needed to shut down this spectrum noise=20
> pollution but it
> has fallen on deaf ears.So ARRL is this the next step? Or=20
> shall we wait for
> further cities to incorporate this wonderful medium?
>=20

> john
>=20
>=20
> > ----- Original Message -----=20
> > From: "Bob Scott" <bobw4zy@comcast.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Sent: Saturday, October 18, 2003 9:09 AM
> > Subject: It looks like BPL is being offered in Manassas, VA
> >
> >
> > > From the article, it appears that they are ready to=20
> start selling the
> > > service. I guess I do not understand why they can deploy=20
> a system not
> > > approved by the FCC or have I missed something?
> > >
> > > This link will get you the story.
> > >
> > >
> >
> http://www.potomacnews.com/servlet/Satellite?pagename=3DWPN%2FMSGArticle%2FWPN_BasicArticle&c=3DMGArticle&cid=3D1031771619197&path=3D!from=tpage
> >
> > If that does not work, you can go to www.potomacnews.com .
> >
> > 73,
> >
> > Bob
> > W4ZY
> >
> >
>

Date: Mon, 20 Oct 2003 08:54:19 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: david@theadamsclan.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159702] Re: Antenna Analyzer II
Message-ID: <001c01c39722\$6d431160\$08d9b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave and All,

Yes, George and Joe gave a real neat presentation on their Micro908 kit. Looks really handy for anyone interested in getting started in programming microcontrollers, especially for ham radio. It uses a series of plug in modules that you can use to creat a bunch of diferent projects including the antenna analyzer II. George said that they will be providing the software free of charge from the web site, but there is nothing stopping anyone from writing their own, as they also provide the development tools for writing your own code. It even has an interface for a PS2 style (normal PC) keyboard and get this (real cool) a graphic display panel! Not only can you display the SWR (and impedance) in the standard formats, but you can get a graph of the swr vs frequency to display on this module! Also, the same DSP module that is used in the K2 can plug right into it, so for those out there wanting to play with the AD DSP, here's a great way to get started. The projects that they have listed so far are:

Antenna Analyzer II
Portable PSK31 Digital Mode Controller
Intelligent DSP-based Audio Filter
HC908 Comander Remote Controller for Transceivers
Memory Keyer

and they have other projects in development.

Very cool project! George, I hope they didn't give you any trouble on the return flight home ;-)

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: David J. Adams <david@theadamsclan.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, October 20, 2003 6:39 AM
Subject: Antenna Analyzer II

> Realizing I may have missed it, can anyone provide the details on the
> AmQrp Antenna Analyzer kit which was announced at Pacificon?
>
> 73 de dave, n9uxu
>

Date: Mon, 20 Oct 2003 11:03:53 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159703] Stolen from the Hammarlund Mailing List
Message-ID: <200310201103.53437.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

1. You may be ham if you think erecting a vertical is a sexual position!
2. You may be a Ham if you think a dummy load is a pickup truck full of relatives!
3. You may be a Ham if you wonder how a horse named Black Beauty got soldered into your radio!
4. You may be a Ham if you think horizontal polarity is sleeping on the floor with a fence post for a pillow!
5. You may be a Ham if you turn down the pitch control when your XYL complains about you parting out her electric broom!
6. You may be a Ham if you won't let your teenage daughter date any male who can't spell 'resist-her'!
7. You may be married to a Ham if you ask him to change a burned out bulb and he tries to stick VOM probes in your mouth!
8. You may be married to a Ham if you rent the movie 'Short Circuit' and he thinks it is an electronics video!
9. You may be dating a Ham if he takes you shopping for an engagement ring at Radio Shack!
10. You may be a Ham if your wife sends you to the store to get some ground steak and you come back with your arms full of eight foot copper pipes!

Duane Fischer, W8DBF
NCS: Hallicrafters Collectors International

Pissssttttt: Duane doesn't know I stole this, so don't mention where ya go it, if he asks.....Just keep this our little secret 'tween just you and me.

Date: Mon, 20 Oct 2003 11:12:56 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159704] Re: It looks like BPL is being offered in Manassas, VA
Message-ID: <200310201112.56259.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Hey Ed;

I thought they were ALSO asking for relief from dealing with interference claims regardless or along with increased power levels. I noted that some of the written material submitted to the FCC stated as much. This would amount, on a practical level, of a fundamental shift in the way part 15 should work.

Perhaps I got this wrong. This stuff gives me a headache.

Vy 72;

Bob Finch

On Monday 20 October 2003 09:06 am, Hare,Ed, W1RFI wrote:

> BPL is legal under existing Part 15 rules, if its emissions are below 30
> uV/m at 30 m and the manufacturer has done the necessary testing to meet
> the Part 15 verification requirements.

>

> The industry is asking the FCC for 10 dB more.

>

> 73,

> Ed Hare, W1RFI

> ARRL Lab

> 225 Main St

> Newington, CT 06111

> Tel: 860-594-0318

> Internet: w1rfi@arrl.org

> Web: <http://www.arrl.org/tis>

>

> ARRL is the National Association for Amateur Radio. It is supported by

> membership dues, individual contributions and the sale of publications and
> advertising. For more information about ARRL, go to
> <http://www.arrl.org/news/features/inside-your-league.html>. For more
> information about membership, go to <http://www.arrl.org/join.html>. Your
> contribution can also help support ARRL's ongoing efforts to protect
> Amateur spectrum. Go to
> <https://www.arrl.org/forms/development/donations/basic/> to learn more about
> the ways you can support the ARRL programs and activities of most
> importance to you. You can help ARRL protect Amateur Radio for you and
> future generations to enjoy.

>

> > -----Original Message-----

> > From: Bob Scott [mailto:bobw4zy@comcast.net]

> > Sent: Saturday, October 18, 2003 9:10 AM

> > To: Low Power Amateur Radio Discussion

> > Subject: It looks like BPL is being offered in Manassas, VA

> >

> > >From the article, it appears that they are ready to start selling the

> >

> > service. I guess I do not understand why they can deploy a system not

> > approved by the FCC or have I missed something?

> >

> > This link will get you the story.

> >

> > <http://www.potomacnews.com/servlet/Satellite?pagename=WPN%2FMG>

>

> Article%2FWPN_BasicArticle&c=MGAArticle&cid=1031771619197&path=!> frontpage

>

> > If that does not work, you can go to www.potomacnews.com .

> >

> > 73,

> >

> > Bob

> > W4ZY

Date: Mon, 20 Oct 2003 11:26:06 -0500

From: Marten T Beels <martentb@goshen.edu>

To: qrp-l@Lehigh.EDU

Subject: [159705] Re: BLT questions

Message-ID: <1066667166.3f940c9e0ea03@mail.goshen.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 8bit

Thanks for the replies, guys. I think that I need to do some playing around

with an SWR meter that is accurate below 5 watts and some calibrated dummy loads to get a better idea of what is going on.

Marten
KC8HZM
<http://www.goshen.edu/~martentb>

This mail sent through IMP: <http://horde.org/imp/>

Date: Mon, 20 Oct 2003 12:36:00 -0400
From: "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [159706] Re:Radios,tuners,feedlines,antenna
Message-ID: <E1ABd13-0001hH-00@razorbill.mail.pas.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 8bit

If you want to crowd an auditorium at a hamfest with seasoned and experienced hams, this is the topic (Radios,tuners,feedlines,antennae) you should present. Done with the right visual aids, even the newbies can get a kick out of it. Maybe we should start a longterm forum here about (Radios,tuners,feedlines,antenna) or (RFTA or AFTR).

Many individuals read the Handbook or related texts and just don't get it. Sometimes it is the math. Many people don't understand how the present technology evolved from the early experiments.

Optimal power transfer can be easily demonstrated with the right gear.

Part of the magic of amateur radio is talking to someone far away, and another is explaining how it works. My favorite part is finding out what happened when "it" don't work and getting the satisfaction of figuring "it" out.

How about it?

Date: Mon, 20 Oct 2003 12:42:00 -0400
From: "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [159707] Thanks for your responses re:OT installing antenna on Ford

Explorer

Message-ID: <E1ABd6n-0005Tp-00@firecrest.mail.pas.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="ISO-8859-1"

Content-Transfer-Encoding: 8bit

From: adam.vazquez.kb2jpd@earthlink.net

Hi there. Just wanted to say thank you for your varied and interesting responses.
I am digesting all the feedback and going to forward all of this to my friend.

Many thanks.

Adam Vazquez Kb2jpd

=====

"The safety of the people is the highest law."

Date: Mon, 20 Oct 2003 09:47:37 -0700

From: pmurphy <w6wy@citlink.net>

To: qrp-1@Lehigh.EDU

Subject: [159708] fs: BLT original unbuilt

Message-ID: <5.0.2.1.0.20031020094450.025b56e0@pop3.norton.antivirus>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi guys;

I have for sale an original "virgin" BLT still in Norcal box. \$25 shipped
conUSA.

---Pete W6WY

Date: Mon, 20 Oct 2003 11:07:42 -0600

From: kizerian@xmission.com

To: qrp-1@lehigh.edu

Subject: [159709] Good cheap irons for Manhattan

Message-ID: <1066669662.3f94165e8c355@webmail.xmission.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 8bit

Thanks to everyone who helped me find some good sources for cheap irons. I had some horrible experiences with the Weller WTCPT stations. These are expensive and do not provide sufficient heat to cause good solder flow on copper clad--especially when used with that wimpy 700 degree tip.

The good new is that for \$15 or less you can get a very servicable iron that does just fine...and you'll have money left over for parts.

Chuck K7Q0 recommends the Weller SP-23 available at many hardware stores for around \$15.

Jim K8IQY recommends the Xytronic 258 variable heat iron--available from Circuit Specialists for \$15.

Radio Shack even comes through with their 64-2055 dual wattage iron for \$10. I bought one of these and gave it the test. It works just fine...has a 15 Watt setting and a 30 Watt. You can solder on bare copper ground plane with ease on the higher setting. Hey! look at me! Recommending something from Radio Shack ("You've got questions?...we've got cell phones and satellite dishes...")

Now I have some irons to recommend to folks just getting into the homebrewing hobby. Thanks everyone!

Bruce kk7zz

Date: Mon, 20 Oct 2003 13:27:44 -0400
From: "Andrews, A. R." <Robert.A.Andrews@unisys.com>
To: qrp-1@Lehigh.EDU
Subject: [159710] Hammarlund HQ-180A Paint Restoration
Message-ID: <3010F4D7BBD5F64C9C2D17B9D17BB3770259680E@USTR-EXCH4.na.uis.unisys.com>
MIME-Version: 1.0
content-class: urn:content-classes:message
Content-Type: text/plain;
charset="iso-8859-1"

I recently picked up an HQ-180A receiver at a hamfest that has an area of about 2" x 3" on the front panel that has been scrapped down to the metal. I've been having difficulty finding gray paint to match the rest of the

panel. I really don't want to redo the entire panel and it's lettering and I also don't want to pull off the all of the components off the panel. Has anyone done something like this before and can recommend how to match the paint? Any help on where to get the paint would help.
Thanks and 72,

Bob, K3QXH

Date: Mon, 20 Oct 2003 13:39:26 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [159711] Pacificon
Message-ID: <3.0.6.32.20031020133926.007f5bf0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Man, I'm still a bit dazed by the quick trip from one coast to the other and back again in a few days. But I did manage to make it home alive today, at 2:30 this am.

It was great to finally meet many of the west coast guys in person for the first time. Getting the "QRPer of the year" award stuned me speechless, and still am. I was just happy to be in a position to help out.

Many thanks to NorCal and Doug for getting me out there! It was a blast!
72,

Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 20 Oct 2003 11:40:32 -0600
From: Brian Kassel <k7re@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [159712] Contest: ARCI Fall QSO PArty Results - K7RE
Message-ID: <3F941E10.3020500@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Gang:

Conditions were very rough the first 18 hours or so. Even so, I only put in 20 rather than my usual 24 hours, just no one to work. Score is considerable down from last time, lousy condx for me on 10 and 15M. I

couldn't stir up any activity on 160M< but just wait until the ARCI Top Band Sprint coming up soon. I am armed with a much improved 160M TX and new Beverage type antennas. Thanks to all who could make it to the contest.

Brian K7RE

ARCI Fall 2003 SUMMARY SHEET

Contest Dates : 18-Oct-03, 19-Oct-03

Callsign Used : K7RE

Operators : BRIAN K7RE

Category : .995 W

Default Exchange : 559 SD 3623

Name : Brian Kassel

Address : 10559 West Highway 14

City/State/Zip : Spearfish, SD 57783

Country : United States

Team/Club : Aluminum Kings

BAND	Raw QSOs	Valid QSOs	Points	Mults
80CW	5	5	19	5
40CW	27	27	120	19
20CW	195	195	783	42
15CW	66	66	285	22
10CW	6	6	24	5
Totals	299	299	1231	93

QSO Points X Mults X Power Mult.

1231 X 93 X 10 = 1144830

Final Score = 1,144,830 points.

Soapbox Comments

Condx sure began very poorly,
but got a bit better as the
event wore on. Only put in
20.0 hours, as there just
didn't seem enough folks to
work on Saturday evening.
I even tried 160M, but
found no takers.
Looking forward to the
next ARCI event, thanks
to all who were there.

Date: Mon, 20 Oct 2003 13:48:45 -0400
From: "John" <johndorson@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159713] mobile wiring help needed
Message-ID: <000901c39732\$6d788600\$8652f343@ATHOME>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I want to put my MFJ Travel qrp rig into my Jeep Grand Cherokee. The antenna
installation should be easy however after looking in the engine compartment
I see no openings on the firewall.

Has anyone out there done this on a Jeep.

Thanks.
John K2JHU...
South Island Real Estate
johndorson@worldshare.net

Date: Mon, 20 Oct 2003 11:30:20 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'johndorson@worldshare.net'" <johndorson@worldshare.net>,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159714] RE: mobile wiring help needed
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F7306@AG-JASMINE-NT4>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

John,

>
>I want to put my MFJ Travel qrp rig into my Jeep Grand
>Cherokee. The antenna
>installation should be easy however after looking in the
>engine compartment
>I see no openings on the firewall.
>
>Has anyone out there done this on a Jeep.

I haven't done an install on a Jeep. There may be places to route the power cable between the fender, and possibly pass it through a door pillar. On some vehicles, there's a rubber plug on the door pillar where the door is mounted. Also, you could see where the antenna lead enters the vehicle for the AM/FM antenna. That might have enough room to sneak some 12 ga through. I know it might not be the shortest path, but it beats drilling the firewall any day!

HTH & 72

.mark

Date: Mon, 20 Oct 2003 15:05:57 -0400
From: geoff allsup <gallsup@whoi.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159715] Re: mobile wiring help needed
Message-ID: <3F943215.8000403@whoi.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

John,

Before you go nuts trying to run wire to the battery, you might want to just try the lighter/accessory plug first - it's a QRP rig, after all.
And, FWIW, I'm successfully using my FT-897 at up to 50 W SSB and CW using the lighter/accessory plug in my Ford Escort - manual says it's good for 20 amps. And I don't seem to have any noise issues.

73,

geoff

> John,
>
>
>>I want to put my MFJ Travel qrp rig into my Jeep Grand
>>Cherokee. The antenna
>>installation should be easy however after looking in the
>>engine compartment
>>I see no openings on the firewall.
>>
>>Has anyone out there done this on a Jeep.
>
>
> I haven't done an install on a Jeep. There may be places to route
> the power cable between the fender, and possibly pass it through a door
> pillar. On some vehicles, there's a rubber plug on the door pillar where the
> door is mounted. Also, you could see where the antenna lead enters the
> vehicle for the AM/FM antenna. That might have enough room to sneak some 12
> ga through. I know it might not be the shortest path, but it beats drilling
> the firewall any day!
>
> HTH & 72
>
> .mark
>

--

Geoff Allsup, W10H gallsup@whoi.edu or w10h@whoi.edu
Upper Ocean Processes Group
Woods Hole Oceanographic Institution Woods Hole, MA, USA

Date: Mon, 20 Oct 2003 15:25:18 -0400
From: "David Hinerman" <WD8CIV@worldnet.att.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [159716] audio taper pots?
Message-ID: <000001c3973f\$e5495cb0\$7a032a0a@nyroc.ametek.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Does anyone have a formula relating rotation to resistance in an audio taper pot?

Dave

David Hinerman WD8CIV
wd8civ@worldnet.att.net

Date: Mon, 20 Oct 2003 15:33:32 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159717] RE: It looks like BPL is being offered in Manassas, VA
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511D0B@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

There was some of that in there, too, along with an FCC hint about what =
the FCC calls "interference" temperature -- a level of noise that a =
service might be expected to tolerate.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by =
membership dues, individual contributions and the sale of publications =
and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----
> From: w9ya [mailto:w9ya@arrl.net]
> Sent: Monday, October 20, 2003 12:13 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: It looks like BPL is being offered in Manassas, VA
>=20
>=20
> Hey Ed;
>=20
> I thought they were ALSO asking for relief from dealing with=20
> interference=20
> claims regardless or along with increased power levels. I=20
> noted that some of=20
> the written material submitted to the FCC stated as much.=20
> This would amount,=20
> on a practical level, of a fundamental shift in the way part=20
> 15 should work.
>=20
> Perhaps I got this wrong. This stuff gives me a headache.
>=20
> Vy 72;
>=20
> Bob Finch
>=20
>=20
> On Monday 20 October 2003 09:06 am, Hare,Ed, W1RFI wrote:
> > BPL is legal under existing Part 15 rules, if its emissions=20
> are below 30
> > uV/m at 30 m and the manufacturer has done the necessary=20
> testing to meet
> > the Part 15 verification requirements.
> >
> > The industry is asking the FCC for 10 dB more.
> >
> > 73,
> > Ed Hare, W1RFI
> > ARRL Lab
> > 225 Main St
> > Newington, CT 06111
> > Tel: 860-594-0318
> > Internet: w1rfi@arrl.org
> > Web: <http://www.arrl.org/tis>
> >
> > ARRL is the National Association for Amateur Radio. It is=20
> supported by
> > membership dues, individual contributions and the sale of =20

> publications and
> > advertising. For more information about ARRL, go to
> > <http://www.arrl.org/news/features/inside-your-league.html>. For more
> > information about membership, go to=
<http://www.arrl.org/join.html>. Your
> contribution can also help support ARRL's ongoing efforts to protect
> Amateur spectrum. Go to
> <https://www.arrl.org/forms/development/donations/basic/> to learn more =
about
> the ways you can support the ARRL programs and activities of most
> importance to you. You can help ARRL protect Amateur Radio for you and
> future generations to enjoy.
>
> > -----Original Message-----
> > From: Bob Scott [mailto:bobw4zy@comcast.net]
> > Sent: Saturday, October 18, 2003 9:10 AM
> > To: Low Power Amateur Radio Discussion
> > Subject: It looks like BPL is being offered in Manassas, VA
> >
> > >From the article, it appears that they are ready to start selling =
the
> >
> > service. I guess I do not understand why they can deploy a system =
not
> > approved by the FCC or have I missed something?
> >
> > This link will get you the story.
> >
> > <http://www.potomacnews.com/servlet/Satellite?pagename=3DWPN%2FMSG>
>
> Article%2FWPN_BasicArticle&c=3DMGArticle&cid=3D1031771619197&path=3D!> =
frontpage
>
> > If that does not work, you can go to www.potomacnews.com .
> >
> > 73,
> >
> > Bob
> > W4ZY

Date: Mon, 20 Oct 2003 15:36:08 -0400
From: "JBCrafts" <jbcraft@adelphia.net>
To: <johndorson@worldshare.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159718] RE: mobile wiring help needed

Message-ID: <AGEJJBFLPLHMOECFDINOCEHNDJAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John,

There is ALWAYS an opening in the firewall, just need to look closer :)

Look for the emergency/parking brake cable
Look for the speedometer cable

so on...

As someone suggested, you can use the cigarette lighter... BUT, and this is a big BUT, remember that Dodge/Jeep are notorious for noise (I have owned Dodge/Chrysler-Plymouth products since my first 1965 PLY Fury III) and every Dodge I have owned has had the same problem... NOISE...

The battery is one heck of a filter capacitor, you are not using a connection with hundreds of points of noise source potential - the wiring harness and all the branches off the tree.

You also go to the power source and do not have voltage drops thru the wire and connectors.

OO
Bob K8YS

Date: Mon, 20 Oct 2003 15:48:24 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-1@Lehigh.EDU
Subject: [159719] OT: running out of time SEMI
Message-ID: <BAY5-F26epkoevqD5a1000128c0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

(Please pass the following message around via BBs, Reflectors and other means as promptly as possible. We NEED as many letters as we can possibly get!)

IT'S TIME TO FISH OR CUT BAIT!

Folks, we are at a critical time regarding the legislation I've been asking you to write your Congressmen/women to support. This is the AMATEUR RADIO SPECTRUM PROTECTION ACT OF 2003. There are only about 2 weeks left in this legislative session. We have a chance to get these House and Senate bills passed . . . PROVIDED YOU ACT NOW!

You don't think we can influence what our congressional representatives do? We can. AS PROOF, Sen. Levin of MI became a co-sponsor of the Senate version (S 537) ONLY BECAUSE a number of Michigan amateurs wrote and asked him to become a co-sponsor. He did! You who wrote to him caused him to do this!

The other end of the scale has many examples of Senators and Representatives who have received no or virtually no requests to sponsor the legislation. As of today, I've learned of only 111 Division members who have written. Who else other than you is going to write?

ONE EXAMPLE of the results of not writing came from a visit to Rep. John Boehner's (Ohio-House District 8) office a few days ago. At the time the people who keep tabs on what happens on Capitol Hill made their visit, Rep. Boehner's aide said he had received NO LETTERS asking him to co-sponsor the legislation.

I realize we Americans are very complacent about writing our Congress people, but please let's get off our duff's and let our representatives know how we feel. The Spectrum Protection Act -- provided you help get it passed -- can also be used to help defend our frequencies from the disaster of BPL, not just from the potential of reallocation by the FCC which is the specific goal of the Spectrum Protection Act. But the act would be another tool we could use in the fight against BPL if necessary.

To write to your Representative and Senators, get their names from:

To E-Mail Your Member of Congress, see:

<http://www.house.gov/writerep/> Representatives.

<http://www.senate.gov/contacting/index.cfm> Senators

Because of the shortness in time, E-mail them from information at these sites. You will need your postal ZIP+4 codes to get directly to the addresses for your people. To get to their E-mail forms, click on their names and then E-mail or Contact Us or similar instruction depending on the individual web site.

FOR REPRESENTATIVES

<YOUR NAME>

<YOUR ADDRESS>

<CITY, STATE ZIP>

Dear Rep. _____

As one of the nation's more than 670,000 federally licensed radio amateurs, I urge you to co-sponsor HR 713, the "Amateur Radio Spectrum Protection Act of 2003," sponsored by Rep. Michael Bilirakis (R-FL).

This bill is a nonpartisan, non-controversial measure designed to help protect the radio frequencies used by Amateur Radio volunteers throughout

our nation in providing emergency communications assistance during times of disaster. Most recently, radio amateurs have aided government and private relief agencies after the terrorist attacks of September 2001, during the traumatic electrical outage in the northeaster part of the US earlier this year and during the severe forest fires which engulfed many parts of the Western United States last summer.

Your co-sponsorship of HR 713 will help ensure that Amateur Radio operators have access to the needed spectrum, essential to their public service role

I look forward to hearing from you.

Sincerely,

<YOUR NAME>

FOR SENATORS

<YOUR NAME>

<YOUR ADDRESS>

<CITY, STATE ZIP>

Dear Sen. _____

As one of the nation's more than 670,000 federally licensed radio amateurs, I urge you to co-sponsor S 537, the "Amateur Radio Spectrum Protection Act of 2003," sponsored by Sen. Michael Crapo (R-ID).

This bill is a nonpartisan, non-controversial measure designed to help protect the radio frequencies used by Amateur Radio volunteers throughout our nation in providing emergency communications assistance during times of disaster. Most recently, radio amateurs have aided government and private relief agencies after the terrorist attacks of September 2001, during the severe forest fires which engulfed many parts of the Western United States last summer and during the traumatic electrical outage over most of the northeast part of the US earlier this year.

Your co-sponsorship of S 537 will help ensure that Amateur Radio operators have access to the needed spectrum, essential to their public service role.

I look forward to hearing from you.

Sincerely,

<YOUR NAME>

PLEASE LET ME KNOW IF YOU WRITE AND TO WHOM YOU WRITE. THANKS.

WHEN WRITING:

PLEASE PERSONALIZE THE MESSAGE BY INSERTING ANY USE OF AMATEUR RADIO IN YOUR AREA THAT PROTECTED PUBLIC LIFE OR PROPERTY AND ASSISTED POLICE, FIRE, EMA, RED CROSS AND SIMILAR AGENCIES.

PLEASE MENTION ONLY ONE PIECE OF LEGISLATION (HR 713 OR S 537) IN YOUR MESSAGE. COMMENTING ON MORE THAN ONE TOPIC IN A LETTER CONFUSES THE ISSUE AND WORKS TO DIMINISH THE VALUE OF WRITING.

Now, lets get to writing and "win one for Hiram Percy, 1AW!

73, GL, tn timer,

Jim, K8JE

ARRL Great Lakes Division
Director: James Weaver, K8JE
k8je@arrl.org

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patented spam control and more. Get two months FREE!
<http://join.msn.com/?page=dept/byoa>

Date: Mon, 20 Oct 2003 16:15:35 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159720] Re: audio taper pots?
Message-ID: <000c01c39746\$ec8f1210\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave,

If the pot is truly a LOG pot for AUDIO then I think it is
the log base 10 times (10 times the percentage of rotation)
So the log(10) of 20 percent rotation is about 0.301
or .301 time the total R of the pot.
Turn a 10 K pot about 20 pct and the R should be about 3K

Someone correct me :) Been a long time for since LOG math.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "David Hinerman" <WD8CIV@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, October 20, 2003 3:25 PM
Subject: audio taper pots?

Folks,

Does anyone have a formula relating rotation to resistance in an audio taper pot?

Dave

David Hinerman WD8CIV
wd8civ@worldnet.att.net

Date: Mon, 20 Oct 2003 16:21:50 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159721] Re: audio taper pots?
Message-ID: <007701c39747\$d031c260\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Folks,
>
> Does anyone have a formula relating rotation to resistance in an audio
> taper
> pot?
>
> Dave

I always thought it was a direct logarithmic relationship to percentage of travel (rotational) of the shaft.

Date: Mon, 20 Oct 2003 16:36:07 -0400
From: "Mike Yetzko" <myetzko@insydesw.com>
To: <jbcraft@adelphia.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159722] Re: mobile wiring help needed
Message-ID: <008f01c39749\$ce953e80\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> There is ALWAYS an opening in the firewall, just need to look closer :)

Well, true enough. But on a Jeep they can be sealed up pretty darn tight.

On my Jeep, I had to drill a hole next to the steering column entry. That gave me a good reference on both sides, and I put in a grommet.

> Look for the emergency/parking brake cable

> Look for the speedometer cable

The problem with this is there is usually a rubber seal that looks like a double ended torpedo with a grommet on it. Not very conducive to getting anything through.

Besides, if you're pumping power around, you want your power lead in it's OWN grommet!

> As someone suggested, you can use the cigarette lighter... BUT, and this is

> a big BUT, remember that Dodge/Jeep are notorious for noise (I have owned

> Dodge/Chrysler-Plymouth products since my first 1965 PLY Fury III) and every

> Dodge I have owned has had the same problem... NOISE...

I've had a number of 'Chryslers', and this is the opposite of what I've experienced. My old Shelby was quite. REAL quiet. My Daytona was quiet, but the 'underdash' power buss would 'spike' if I hit the brakes with the lights on just as I was slowing. If I just happened to be letting go

of the PTT of my Icom IC-27a just as the spike occurred, it would cause the memory of the IC-27a to now think the OFFSET was the main, and the new offset was even further offset. a NASTY bug in the IC-27a (actually in the 27, 37, and 47 firmware. I can give you a really neat

way to show it off too!) Running the lead to the battery in the Daytona solved that.

Both Caravans were pretty darn clean on the lighter plug, even for HF. And the Intrepid is 'fairly' clean. I ran to the battery in that because I now have a rig that draws a LOT more power. In my Intrepid, I have a 10ga wire fused to the battery that goes directly to the trunk. I have my 'remote mount' Alinco in the trunk and take the 'high power' Infinity Sound System ground point. The Alinco is 'always on'. And the power feed wire is a single run with no splices or cuts, other than the fuse.

> The battery is one heck of a filter capacitor, you are not using a
> connection with hundreds of points of noise source potential - the
wiring
> harness and all the branches off the tree.
>
> You also go to the power source and do not have voltage drops thru the
> wire and connectors.

Now this really is ALL the justification you need to run to the battery!!
Right
there really says it all. Fuse at the battery, then bring the lead in.
If you want
it to be 'ignition switchable', but a fog light relay in the carpartment
powered
by the key.

In one old car, I brought in a 10ga wire and put a 6 position screw strip under the dash, with the lead fused at the battery. The first 3 positions were 'common' on the strip. Then I used the relay to feed the other 3 positions. Now I had a simple easy to access power buss under the dash that was half 'always on' and half 'ignition on'.

Only trouble now is, where's the room to put all the things you can feed the power to?

Mike

Date: Mon, 20 Oct 2003 15:57:28 -0500
From: "Tony Martin W4FOA" <w4foa@comcast.net>
To: <aa8vs@msn.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159723] Re: running out of time SEMI

Message-ID: <007e01c3974c\$c5af3b10\$6401a8c0@Delldude>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Charles,
Thanks for the reminder. FYI, I went to the website provided and forwarded an email to my Congressman requesting his support of the Amateur Radio Spectrum Protection Action of 2003. It couldn't have been easier to do. Thanks again....hope everyone will take 5 minutes and do the same.
Tony, W4FOA

----- Original Message -----
From: "Charles Mabbott" <aa8vs@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, October 20, 2003 2:48 PM
Subject: OT: running out of time SEMI

>
> (Please pass the following message around via BBs, Reflectors and other
> means as promptly as possible. We NEED as many letters as we can possibly
> get!)

>
>
>
>
> IT'S TIME TO FISH OR CUT BAIT!

>
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> Folks, we are at a critical time regarding the legislation I've been
asking
> you to write your Congressmen/women to support. This is the AMATEUR RADIO
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> this legislative session. We have a chance to get these House and Senate
> bills passed . . . PROVIDED YOU ACT NOW!

>
>
>
> You don't think we can influence what our congressional representatives
do?
> We can. AS PROOF, Sen. Levin of MI became a co-sponsor of the Senate
> version (S 537) ONLY BECAUSE a number of Michigan amateurs wrote and asked
> him to become a co-sponsor. He did! You who wrote to him caused him to
do
> this!

>
>
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> The other end of the scale has many examples of Senators and
Representatives
> who have received no or virtually no requests to sponsor the legislation.
> As of today, I've learned of only 111 Division members who have written.
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>
>
>
> ONE EXAMPLE of the results of not writing came from a visit to Rep. John
> Boehner's (Ohio-House District 8) office a few days ago. At the time the
> people who keep tabs on what happens on Capitol Hill made their visit,
Rep.
> Boehner's aide said he had received NO LETTERS asking him to co-sponsor
the
> legislation.
>
>
>
> I realize we Americans are very complacent about writing our Congress
> people, but please let's get off our duff's and let our representatives
know
> how we feel. The Spectrum Protection Act -- provided you help get it
passed
> -- can also be used to help defend our frequencies from the disaster of
BPL,
> not just from the potential of reallocation by the FCC which is the
specific
> goal of the Spectrum Protection Act. But the act would be another tool we
> could use in the fight against BPL if necessary.
>
>
>
> To write to your Representative and Senators, get their names from:
>
>
>
> To E-Mail Your Member of Congress, see:
>
>
>
> <http://www.house.gov/writerep/> Representatives.
>
>
>
> <http://www.senate.gov/contacting/index.cfm> Senators

>
>
>
> Because of the shortness in time, E-mail them from information at these
> sites. You will need your postal ZIP+4 codes to get directly to the
> addresses for your people. To get to their E-mail forms, click on their
> names and then E-mail or Contact Us or similar instruction depending on
> the
> individual web site.
>
>
>
> FOR REPRESENTATIVES
>
>
>
> <YOUR NAME>
>
> <YOUR ADDRESS>
>
> <CITY, STATE ZIP>
>
>
>
> Dear Rep. _____
>
>
>
> As one of the nation's more than 670,000 federally licensed radio
amateurs,
> I urge you to co-sponsor HR 713, the "Amateur Radio Spectrum Protection
Act
> of 2003," sponsored by Rep. Michael Bilirakis (R-FL).
>
>
>
> This bill is a nonpartisan, non-controversial measure designed to help
> protect the radio frequencies used by Amateur Radio volunteers throughout
> our nation in providing emergency communications assistance during times
of
> disaster. Most recently, radio amateurs have aided government and private
> relief agencies after the terrorist attacks of September 2001, during the
> traumatic electrical outage in the northeaster part of the US earlier this

> year and during the severe forest fires which engulfed many parts of the
> Western United States last summer.
>
>

>
> Your co-sponsorship of HR 713 will help ensure that Amateur Radio
operators
> have access to the needed spectrum, essential to their public service role
>
>
>
> I look forward to hearing from you.
>
>
>
> Sincerely,
>
>
>
> <YOUR NAME>
>
>
>
>
>
> FOR SENATORS
>
>
>
> <YOUR NAME>
>
> <YOUR ADDRESS>
>
> <CITY, STATE ZIP>
>
>
>
> Dear Sen. _____
>
>
>
> As one of the nation's more than 670,000 federally licensed radio
amateurs,
> I urge you to co-sponsor S 537, the "Amateur Radio Spectrum Protection Act
> of 2003," sponsored by Sen. Michael Crapo (R-ID).
>
>
>
> This bill is a nonpartisan, non-controversial measure designed to help
> protect the radio frequencies used by Amateur Radio volunteers throughout
> our nation in providing emergency communications assistance during times
of

> disaster. Most recently, radio amateurs have aided government and private
> relief agencies after the terrorist attacks of September 2001, during the
> severe forest fires which engulfed many parts of the Western United States
> last summer and during the traumatic electrical outage over most of the
> northeast part of the US earlier this year.

>

>

>

> Your co-sponsorship of S 537 will help ensure that Amateur Radio operators
> have access to the needed spectrum, essential to their public service
role.

>

>

>

> I look forward to hearing from you.

>

>

>

> Sincerely,

>

>

>

> <YOUR NAME>

>

>

>

> PLEASE LET ME KNOW IF YOU WRITE AND TO WHOM YOU WRITE. THANKS.

>

>

>

> WHEN WRITING:

>

>

>

> PLEASE PERSONALIZE THE MESSAGE BY INSERTING ANY USE OF AMATEUR RADIO IN
YOUR

> AREA THAT PROTECTED PUBLIC LIFE OR PROPERTY AND ASSISTED POLICE, FIRE,
EMA,

> RED CROSS AND SIMILAR AGENCIES.

>

>

>

> PLEASE MENTION ONLY ONE PIECE OF LEGISLATION (HR 713 OR S 537) IN YOUR
> MESSAGE. COMMENTING ON MORE THAN ONE TOPIC IN A LETTER CONFUSES THE ISSUE
> AND WORKS TO DIMINISH THE VALUE OF WRITING.

>

>

>

> Now, lets get to writing and "win one for Hiram Percy, 1AW!
>
>
>
> 73, GL, tnx,
>
>
>
> Jim, K8JE
>
> -----
> ARRL Great Lakes Division
> Director: James Weaver, K8JE
> k8je@arrl.org
> -----
>
> -----
> Add MSN 8 Internet Software to your current Internet access and enjoy
> patented spam control and more. Get two months FREE!
> <http://join.msn.com/?page=dept/byoa>
>

Date: Mon, 20 Oct 2003 16:08:49 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159724] Re: It looks like BPL is being offered in Manassas, VA
Message-ID: <200310201608.49146.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Well I see this paradigm shift of perhaps more concern than just the power level increase, as it means a primary or secondary status is effectively meaningless.

Thanxs Ed for the timely reply.

Vy 72;

Bob
w9ya

On Monday 20 October 2003 02:33 pm, Hare,Ed, W1RFI wrote:

> There was some of that in there, too, along with an FCC hint about what the
> FCC calls "interference" temperature -- a level of noise that a service
> might be expected to tolerate.

>

> 73,

> Ed Hare, W1RFI

> ARRL Lab

> 225 Main St

> Newington, CT 06111

> Tel: 860-594-0318

> Internet: w1rfi@arrl.org

> Web: <http://www.arrl.org/tis>

>

> ARRL is the National Association for Amateur Radio. It is supported by
> membership dues, individual contributions and the sale of publications and
> advertising. For more information about ARRL, go to
> <http://www.arrl.org/news/features/inside-your-league.html>. For more
> information about membership, go to <http://www.arrl.org/join.html>. Your
> contribution can also help support ARRL's ongoing efforts to protect
> Amateur spectrum. Go to
> <https://www.arrl.org/forms/development/donations/basic/> to learn more about
> the ways you can support the ARRL programs and activities of most
> importance to you. You can help ARRL protect Amateur Radio for you and
> future generations to enjoy.

>

> > -----Original Message-----

> > From: w9ya [mailto:w9ya@arrl.net]

> > Sent: Monday, October 20, 2003 12:13 PM

> > To: Low Power Amateur Radio Discussion

> > Subject: Re: It looks like BPL is being offered in Manassas, VA

> >

> >

> > Hey Ed;

> >

> > I thought they were ALSO asking for relief from dealing with
> > interference

> > claims regardless or along with increased power levels. I
> > noted that some of

> > the written material submitted to the FCC stated as much.

> > This would amount,

> > on a practical level, of a fundamental shift in the way part
> > 15 should work.

> >

> > Perhaps I got this wrong. This stuff gives me a headache.

> >

> > Vy 72;

> >

> > Bob Finch
> >
> > On Monday 20 October 2003 09:06 am, Hare,Ed, W1RFI wrote:
> > > BPL is legal under existing Part 15 rules, if its emissions
> >
> > are below 30
> >
> > > uV/m at 30 m and the manufacturer has done the necessary
> >
> > testing to meet
> >
> > > the Part 15 verification requirements.
> > >
> > > The industry is asking the FCC for 10 dB more.
> > >
> > > 73,
> > > Ed Hare, W1RFI
> > > ARRL Lab
> > > 225 Main St
> > > Newington, CT 06111
> > > Tel: 860-594-0318
> > > Internet: w1rfi@arrl.org
> > > Web: <http://www.arrl.org/tis>
> > >
> > > ARRL is the National Association for Amateur Radio. It is
> >
> > supported by
> >
> > > membership dues, individual contributions and the sale of
> >
> > publications and
> >
> > > advertising. For more information about ARRL, go to
> > > <http://www.arrl.org/news/features/inside-your-league.html>. For more
> > > information about membership, go to
> >
> > <http://www.arrl.org/join.html>. Your
> >
> > contribution can also help support ARRL's ongoing efforts to protect
> > Amateur spectrum. Go to
> > <https://www.arrl.org/forms/development/donations/basic/> to learn more
> > about the ways you can support the ARRL programs and activities of most
> > importance to you. You can help ARRL protect Amateur Radio for you and
> > future generations to enjoy.
> >
> > > -----Original Message-----
> > > From: Bob Scott [mailto:bobw4zy@comcast.net]
> > > Sent: Saturday, October 18, 2003 9:10 AM

> > > To: Low Power Amateur Radio Discussion
> > > Subject: It looks like BPL is being offered in Manassas, VA
> > >
> > > >From the article, it appears that they are ready to start selling the
> > >
> > > service. I guess I do not understand why they can deploy a system not
> > > approved by the FCC or have I missed something?
> > >
> > > This link will get you the story.
> > >
> > > http://www.potomacnews.com/servlet/Satellite?pagename=WPN%2FMSGArticle%2FWPN_BasicArticle&c=MGAArticle&cid=1031771619197&path=!>frontpage
> > >
> > > If that does not work, you can go to www.potomacnews.com .
> > >
> > > 73,
> > >
> > > Bob
> > > W4ZY

Date: Mon, 20 Oct 2003 17:03:49 -0400
From: "David Hinerman" <WD8CIV@worldnet.att.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [159725] RE: audio taper pots?
Message-ID: <0000001c3974d\$a87b1360\$7a032a0a@nyroc.ametek.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike,

That's what I thought, but most descriptions I can find claim that at 50% rotation (centered) the resistance is 10% of the total from the wiper to one end and 90% to the other.

I must be especially dense today, because I can't find a mathematical relationship, logarithmic or otherwise, that fits the description.

Dave

David Hinerman WD8CIV

wd8civ@worldnet.att.net

> -----Original Message-----

> From: Mike Yetsko [mailto:myetsko@insydesw.com]

> Sent: Monday, October 20, 2003 4:22 PM

> To: WD8CIV@worldnet.att.net; Low Power Amateur Radio Discussion

> Subject: Re: audio taper pots?

>

>

> > Folks,

> >

> > Does anyone have a formula relating rotation to resistance in an audio
> taper

> > pot?

> >

> > Dave

>

> I always thought it was a direct logarithmic relationship to percentage of
> travel (rotational) of the shaft.

>

>

Date: Mon, 20 Oct 2003 17:11:50 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <WD8CIV@worldnet.att.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [159726] Re: audio taper pots?

Message-ID: <002d01c3974e\$c8fa5c80\$0200a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> That's what I thought, but most descriptions I can find claim that at
50%

> rotation (centered) the resistance is 10% of the total from the wiper to
one

> end and 90% to the other.

>

> I must be especially dense today, because I can't find a mathematical
> relationship, logarithmic or otherwise, that fits the description.

>

> Dave

I wonder... Audio may be a slight variant. I'd have to do the math.
Or actually, take one and measure it!

I wonder... (I wonder a lot I guess) if the audio pots with 'loudness
taps'
are the same curve as regular audio? Someone once told me they were
'drug off scale' a bit, but now I wonder if they were referring to audio
in general, and not just the pots with a loudness tap.

Mike

Date: Mon, 20 Oct 2003 17:33:03 -0400
From: Garey Barrell <k4oah@mindspring.com>
To: WD8CIV@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [159727] Re: audio taper pots?
Message-ID: <3F94548F.2040305@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Dave -

There is a description at

<<http://www.shokaifareast.com/Products/Pots/Common/common4.htm>>

73, Garey - K40AH
Atlanta

David Hinerman wrote:

> Folks,
>
> Does anyone have a formula relating rotation to resistance in an audio taper
> pot?
>
> Dave
>
> -----
> David Hinerman WD8CIV
> wd8civ@worldnet.att.net
>
>

Date: Mon, 20 Oct 2003 22:38:10 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-1@lehigh.edu
Subject: [159728] [OT] Machinist's Question
Message-ID: <5.2.1.1.0.20031020223118.01dc7608@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Have the need to make small grooves for marking HB knobs.
Either angular marks on the front and or long marks on the edge
that the grimy little fingers touch.

How do you get these fine grooves?

Secondly? Any ideas on using a Rapidograph lettering set
to guide a bit? Along the lines of the plastic template critter
you see at swapmeets to make badges. First thought was to
machine an attachment that uses a small CD motor used in
electric airplanes. Something not too large and some what easy
to push around on a metal surface to a fixed depth. Using the
smallest of bits possible.....

Thanks in advance and direct to me probably best as the rest of
the group probably not interested in making such things.

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Moving to Arizona? Please bring your own water.

Date: Mon, 20 Oct 2003 22:39:45 +0100
From: "Tony Fishpool" <g4wif_tony@btconnect.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159729] Re: audio taper pots?
Message-ID: <00d201c39752\$b219bed0\$0200000a@celeron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Have a look at :-

<http://homepages.tesco.net/~pro/rules/fabercastell/1-28f.jpg>

The bottom scale on the slide rule (remember them?) is logarithmic.
Does that help to visualise log progression.

72/3

Tony - G4WIF

Date: Mon, 20 Oct 2003 17:42:18 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: qrp-L Reflector <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [159730] Great GDO available...
Message-ID: <6.0.0.22.2.20031020173750.02c38bc8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

There is a beautiful AN/PRM-10 (0.2-400Mhz) MIL GDO available at the e-place. Item # 2566616922 . This is one of the best tube GDOs ever made, and this one specifically looks as nice as the one I have (which I took-new-out of the MIL wrapping myself). A little pricey 1st bid, but well worth it. Not mine nor do I know the seller-but they are a surplus company I have heard of (A-Comm Electronics).

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Mon, 20 Oct 2003 14:51:22 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'myetsko@insydesw.com'" <myetsko@insydesw.com>
Cc: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [159731] Subject: Re: audio taper pots?
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734CEB@az33exm05.corp.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

>From the accidental view of the insides of some "audio taper" pots,
these do not follow any logarithmic formula. What I remember seeing
was two different widths of resist. Part of the pot used one lower
fixed resistance per degree turn, and the rest used a second higher
fixed resistance per degree of turn.

The overall effect was a very simple, reasonable approximation of
the desired audio taper effect.

- Dan, N7VE

> > Folks,
> >
> > Does anyone have a formula relating rotation to resistance in an audio
> taper
> > pot?
> >
> > Dave
>

Date: Mon, 20 Oct 2003 17:51:53 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: <qrp-1@Lehigh.EDU>, <fpqrp-1@mpna.com>

Subject: [159732] Atomic Clocks AGAIN LOL
Message-ID: <009401c39754\$5fe7ce20\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

WALGREENS has ON SALE 'again' an Atomic Clock at \$9.99

I bought one of these this Summer and it work FB.
Runs on a couple of AA cells (with backlight)
Sits next to my rig in the shack.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

Date: Mon, 20 Oct 2003 15:03:35 PDT
From: James R Giammanco <n5ib@juno.com>
To: WD8CIV@worldnet.att.net, qrp-l@Lehigh.edu
Subject: [159733] Re: audio taper pots?
Message-ID: <20031020.165531.4631.0.n5ib@juno.com>

Most of the ones for which I've been able to find an R vs rotation curve only approximate the log response function with two or perhaps three straight line segments. What the math teachers called a "piecewise linear approximation." It's actually not bad at all if three segments are used, and acceptable with only two.

Try plotting out a graph $y = \log(x)$, or perhaps $y = 10^x$ [the same as $\log(y) = x$] might be easier, and then eyeballing two line segments to match the curve as close as possible.

So think of the "10% of R at 50% rotation" example as two line segments, from zero to the 10% R, 50% rotation point, then another from the 10% R, 50% rotation to the 100% R, 100% rotation point. When plotted, it's something of an approximation of the exponential curve.

72
Jim N5IB

On Mon, 20 Oct 2003 17:03:49 -0400 "David Hinerman"
<WD8CIV@worldnet.att.net> writes:
>That's what I thought, but most descriptions I can find claim that at
>50%
>rotation (centered) the resistance is 10% of the total from the wiper
>to one
>end and 90% to the other.

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 20 Oct 2003 18:04:33 -0400
From: "steve" <swells244@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159734] LCD spec sheet
Message-ID: <00f801c39756\$24d86950\$9c581244@STEVESL7X513D0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a LM032XMBL display any one have a spec sheet?

Steve

----- Original Message -----

From: "w8diz" <w8diz@cinci.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, October 20, 2003 4:15 PM
Subject: Re: audio taper pots?

> Hi Dave,
>
> If the pot is truly a LOG pot for AUDIO then I think it is
> the log base 10 times (10 times the percentage of rotation)
> So the log(10) of 20 percent rotation is about 0.301
> or .301 time the total R of the pot.
> Turn a 10 K pot about 20 pct and the R should be about 3K
>
> Someone correct me :) Been a long time for since LOG math.
>
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W

> RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>
>
>
> ----- Original Message -----
> From: "David Hinerman" <WD8CIV@worldnet.att.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Monday, October 20, 2003 3:25 PM
> Subject: audio taper pots?
>
>
> Folks,
>
> Does anyone have a formula relating rotation to resistance in an audio
taper
> pot?
>
> Dave
>
> -----
> David Hinerman WD8CIV
> wd8civ@worldnet.att.net
>
>

Date: Mon, 20 Oct 2003 16:22:30 -0600
From: "Ron Pyle" <raple@gwtc.net>
To: "w8diz" <w8diz@cinci.rr.com>, <qrp-1@Lehigh.EDU>,
<fpqrp-1@mpna.com>
Subject: [159735] Re: [fpqrp] Atomic Clocks AGAIN LOL
Message-ID: <05e201c39758\$a7a28cb0\$65aa4b40@yourjbuypagwhk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> WALGREENS has ON SALE 'again' an Atomic Clock at \$9.99

I need one of those. Last night, I got my piggy tail in a frenzy and
changed all my clocks. Then I found out it isn't supposed to be until next
week. So I'm living here with all my clocks one hour ahead. I'm too lazy to
change my clocks more than twice a year. So don't bother to tell me to
change them back.

Ron
KC0QXU

FP-682

Date: Mon, 20 Oct 2003 17:32:02 -0500
From: <k6whp@verizon.net>
To: <qrp-l@Lehigh.EDU>
Subject: [159736] Re: Antenna Analyzer II
Message-ID: <20031020223202.WYEE29543.out001.verizon.net@outgoing.verizon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Trevor speaks the truth! George and Joe's presentations were incredibly interesting -- as were the others as well!

A caveat would be that George specified that Microwerks offered a free special edition of their HC908 development IDE so you can write software in C instead of wrestling with assembler.

While the special edition *is* free, it is a hefty download (I think 156 MB). The company does offer to send you out a CD for \$7.98 which -- considering the full production version of the IDE goes for \$2300 or so -- is an incredible bargain.

The *moment* I got home, I went to the AMQRP/NJQRP website and attempted to get Microwerks information from there but I fear that the link was old. Here is a direct (albeit verbose) link:

[http://store.metrowerks.com/dr/v2/ec_MAIN.Entry10?
V1=4711111&PN=1&SP=10023&xid=43305&DSP=&CUR=840&PGRP=0&CACHE_ID=0](http://store.metrowerks.com/dr/v2/ec_MAIN.Entry10?V1=4711111&PN=1&SP=10023&xid=43305&DSP=&CUR=840&PGRP=0&CACHE_ID=0)

Enjoy!

72,

Bill, k6whp

End of QRP-L Digest 3079

